

ABSTRACT

A microbe-specific medium for detection of vancomycin-resistant *Enterococci* in a test sample within 24 hours and preferably within 18 hours. The testing medium provides a selective growth medium for vancomycin-resistant *Enterococci* and includes specific nutrient indicators which only the target microbe can significantly metabolize and use for growth. The nutrient indicator contain a nutrient moiety and a detectable moiety linked together by a covalent bond. The nutrient indicators produce detectable signals only if the nutrient indicators are hydrolyzed by the *Enterococci* specific enzymes including β -glucosidase and pyrrolidonyl arylamidase.

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